

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A mobile platform high-speed broadband communications system for a mobile platform, the mobile platform high-speed broadband communications system comprising:
 - a mobile communications terminal having a single first-~~antenna;~~
~~_____ a satellite antenna, the mobile communications terminal being mounted in a~~
~~vehicle and in two-way communication with the mobile communications terminal one or~~
~~more individual data terminal devices in the vehicle and with a satellite through the first~~
antenna; and
 - a base station in two-way communication with the satellite, wherein
 - a return link signal is transmitted from the first antenna of the mobile communications terminal ~~to via~~ the satellite on a first frequency;
~~_____ the return link signal is retransmitted from the communications satellite to the~~
~~base station on a second frequency; station, and~~
~~_____ a forward link signal controlled by the base station is transmitted from the base~~
~~station to via~~ the satellite on the first frequency;
~~_____ the forward link signal is retransmitted from the satellite to and~~ the first
~~antenna of to the mobile communications terminal on the second frequency; and terminal,~~
the return signal and the forward link signal being transmitted on a same
frequency and via a same transponder in the satellite, is received by the first antenna the
forward link signal using a signaling rate in a range from 512 kbps to 3.5 Mbps, and the
return signal requesting and the forward signal enabling broadband communication with the
one or more individual data terminal devices.

2. (Currently Amended) The mobile platform high-speed broadband communications system for a mobile platform according to claim 1, wherein the vehicle is an aircraft and the mobile communications terminal and the first antenna are compatible with size, weight and power constraints in an of the aircraft.

3. (Currently Amended) The mobile platform high-speed broadband communications system for a mobile platform according to claim 1, wherein ~~the mobile platform includes the mobile communications terminal and the first antenna, and~~ the first antenna is capable of maintaining a communications lock on the satellite when the ~~mobile platform-vehicle~~ is in motion.

4. (Canceled)

5. (Currently Amended) The mobile platform high-speed broadband communications system for a mobile platform according to claim 1, wherein further comprising a remote network in communication with the base station, station links the one or more individual data terminal devices in the vehicle to a remote network via wherein the mobile communications terminal and the antenna are part of the mobile platform. satellite for broadband communication between the one or more individual data terminal devices and the remote network.

6. (Original) The mobile platform high-speed broadband communications system for a mobile platform according to claim 5, wherein the remote network is a private network.

7. (Original) The mobile platform high-speed broadband communications system for a mobile platform according to claim 5, wherein the remote network is the Internet.

8. (Original) The mobile platform high-speed broadband communications system for a mobile platform according to claim 5, wherein:

the communication between the remote network and the base station is two-way communication;

the return link signal is a request for data from the Internet; and

the forward link signal is a response to the request.

9. (Canceled)

10. (Currently Amended) The mobile platform high-speed broadband communications system for a mobile platform according to claim 1, wherein the mobile communications terminal further comprises a second antenna ~~in communication for~~ communicating with a receiver other than the satellite.

11. (Currently Amended) A method for high-speed broadband communicating for a mobile platform, the method comprising:

transmitting a first signal from a mobile communications terminal mounted in a vehicle via a first antenna on a first frequency;

~~receiving the first signal at a satellite;~~

~~transmitting the first signal from the and a satellite to a base station on a second frequency; station; and~~

~~receiving the first signal at the base station;~~

transmitting a second signal controlled by the base station from the base station ~~to the satellite on the first frequency~~;

~~receiving the second signal at the satellite;~~

~~transmitting the second signal from via the satellite to and the mobile first antenna ~~on the second frequency~~; and to the mobile communications terminal, wherein~~

~~receiving the second signal at the mobile antenna.~~

the second signal is controlled by the base station in response to a data request contained in the first signal, the first and second signals are transmitted on a same frequency

and via a same transponder in the satellite, the second signal uses a signaling rate in a range from 512 kbps and 3.5 Mbps, and second signal enables broadband communication with one or more individual data terminal devices in the vehicle.

12. (Original) The method of claim 11, wherein transmitting the first signal and transmitting the second signal comprise transmitting the first and second signals at different times.

13. (Currently Amended) The method of claim 12, further comprising ~~generating~~ generating, at the base station, the second signal in response to the first signal.

14. (Canceled)

15. (Currently Amended) The method of claim 11, further comprising ~~generating~~ generating, in the mobile communications terminal, the first signal in response to ~~an input by a user at a workstation that is associated with the mobile platform~~ a data communication request from the one or more individual data terminal devices in the vehicle, the one or more individual data terminal devices being in two-way communication with the mobile communications terminal.

16. (Currently Amended) The method of claim 11, wherein the ~~mobile platform vehicle~~ is an ~~airborne aircraft~~ aircraft, and the mobile communications terminal and the first antenna are compatible with the size, weight and power constraints of the aircraft.

17. (Canceled)

18. (Currently Amended) A method for high-speed broadband communicating for a mobile platform, the method comprising:

~~generating a first signal at a user workstation in a mobile communications platform;~~ platform in a vehicle based on a request from a data terminal device in the vehicle in two-way communication with the mobile communications terminal;

transmitting the first signal ~~from the user workstation to a~~ from the mobile communications terminal including an antenna;

~~transmitting the first signal from the~~ via an antenna in the vehicle and to a satellite ~~on a first frequency;~~

~~receiving the first signal at the satellite;~~

~~transmitting the first signal from~~ via the satellite to a base station ~~on a second frequency; station;~~

relaying a data request contained in the first signal from the base station to a node of a remote network;

receiving, at the base station, data in response to the data request ~~generating a second signal at~~ from the node of the remote network;

transmitting ~~the~~ a second signal comprising the data received from the node of the remote network ~~to the base station;~~

~~transmitting the second signal from the base station to~~ via the satellite ~~on the first frequency;~~

~~receiving the second signal at the satellite;~~

~~transmitting the second signal from the satellite to the mobile communications platform on the second frequency; terminal; and~~

~~receiving the second signal transmitted from the satellite to the mobile communications platform at the antenna of the communications terminal;~~

transmitting the data contained in the second signal from ~~the antenna of the mobile communications terminal to the user workstation;~~ data terminal device in the vehicle, and

~~receiving the second signal at the user workstation.~~ wherein

the second signal is controlled by the base station in response to the data request contained in the first signal, the first and second signals are transmitted on a same frequency and via a same transponder in the satellite, the second signal uses a signaling rate in a range from 512 kbps and 3.5 Mbps, and the second signal enables broadband communication from the mode of the remote network to the data terminal device in the vehicle.

19. (Original) The method of claim 18, wherein transmitting the first signal and transmitting the second signal comprise transmitting the first and second signals at different times.

20-21. (Canceled)

22. The method of claim 18, wherein the ~~mobile platform is an airborne vehicle~~ is an aircraft, and the mobile communications terminal is compatible with size, weight and power constraints of the aircraft.

23. (Canceled)